

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/000700 A1(51) International Patent Classification⁷: **B65D 43/26**(21) International Application Number:
PCT/US2004/018351

(22) International Filing Date: 9 June 2004 (09.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/477,759 10 June 2003 (10.06.2003) US(71) Applicant (for all designated States except US): **EFFICIENT CONTAINER COMPANY** [US/US]; P.O. Box 20287, St. Simons Island, GA 31522 (US).

(72) Inventors; and

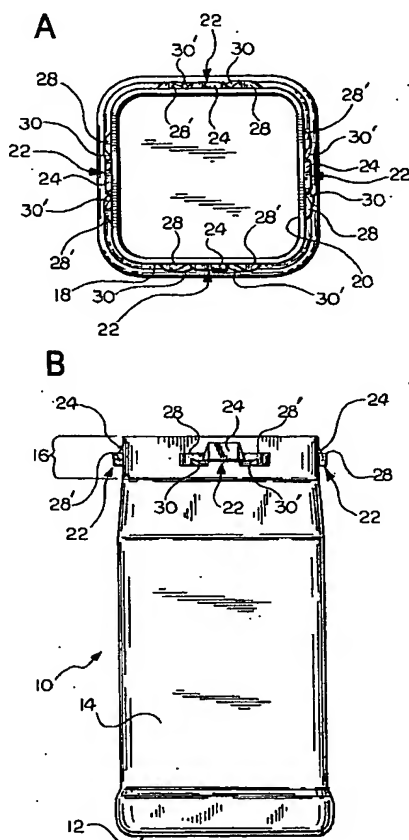
(75) Inventors/Applicants (for US only): **PARKS, Lawrence,**A. [US/US]; 6487 Thorneycroft Drive, Shelby Township, MI 48316-3348 (US). **ZELL, Harold, E.** [US/US]; 101 Worthing Road, St. Simons Island, GA 31522-1928 (US).(74) Agent: **FRASER, Donald, R.**; Fraser Martin Buchanan Miller LLC, 132 West Second Street, Perrysburg, OH 43551-1401 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: CONTAINER AND CLOSURE COMBINATION



(57) Abstract: A closure (40) and container (10) combination which includes a closing and opening assist mechanism (22, 28, 28', 30, 30') which provides for spreading the locking mechanism (46) of the closure and causing a lifting movement of the closure to effect the removal of the closure from the container.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.